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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number

09/755,512

Filing Date

January 5, 2001

First Named Inventor

Raymond Kloth

Group Art Unit

2663

Examiner Name

Not yet assigned

Attorney Docket Number

112025-0074C1

Sheet

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Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TN		6,219,699	B1	McCloghrie, et al.	04/17/2001	
TN		6,208,649	B1	Kloth	03/27/2001	
TN		6,035,105	B1	McCloghrie, et al.	03/07/2000	
TN		5,991,302	B1	Berl, et al.	11/23/1999	
TN		5,917,820	B1	Rekhter	06/29/1999	
TN		5,872,783	B1	Chin	02/16/1999	
TN		5,796,740	B1	Perlman et al.	08/18/1998	
TN		5,796,732	B1	Mazzola et al.	08/18/1998	
TN		5,764,636	B1	Edsall	06/09/1998	
TN		5,752,003	B1	Hart	05/12/1998	
TN		5,742,604	B1	Edsall et al.	04/21/1998	
TN		5,740,171	B1	Mazzola et al.	04/14/1998	
TN		5,684,800	B1	Dobbins et al.	11/04/1997	
TN		5,633,869	B1	Burnett et al.	05/27/1997	
TN		5,633,858	B1	Chang et al.	05/27/1997	
TN		5,617,421	B1	Chin et al.	04/01/1997	
TN		5,612,959	B1	Takase et al.	03/18/1997	
TN		5,511,168	B1	Perlman et al.	04/23/1996	
TN		5,500,860	B1	Perlman et al.	03/19/1996	
TN		5,473,607	B1	Hausman et al.	12/05/1995	

[illegible]

Tram D. Nguyen

Date Considered

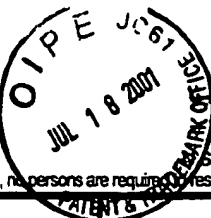
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/755,512
Filing Date	January 5, 2001
First Named Inventor	Raymond Kloth
Group Art Unit	2663
Examiner Name	Not yet assigned
Attorney Docket Number	112025-0074C1

Sheet 3 of 5

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TN		"IEEE STANDARDS for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks", IEEE Std 802. 1Q-1998, Copyright 1999, IEEE, pp. 1-199.	—
TN		IEEE, "Draft Standard for Virtual Bridged Local Area Networks," pp. 1-10 and 70-72 (May 1997)	—
TN		Deering, S., and Cheriton, D., "Multicast Routing in Datagram Internetworks and Extended LANs," Vol. 8, ACM Transactions on Computer Systems, pp. 85-110 (May 1990)	—
TN		Deering, S. et al., "An Architecture for Wide-Area Multicasting," Proceedings of SIGCOMM '94 Conf., ACM, pp. 126-135 (October 1994).	—
TN		"Cisco VLAN Roadmap", http://www.cisco.com/warp/public/538/7.html , pp. 1-9, posted July 17, 1995.	—
TN		"Cisco Catalyst Workgroup Switch Version 3.0," http://www.cisco.com/warp/public/558/16.html , pp 1-5, posted August 29, 1994.	—
TN		"Virtual Networking Services," http://www.cisco.com/warp/public/614/5.html , pp 1-10, posted October 28, 1997.	—
TN		"Cisco LAN Switching Products," http://www.cisco.com/warp/public/534/16.html , pp 1-21, posted March 31, 1995.	—
TN		"Multicast Routing," http://www.cisco.com/warp/public/614/17.html , pp 1-3, posted August 3, 1995.	—
TN		"IP Multicast Streamlines Delivery of Multicast Applications," http://www.cisco.com/warp/public/674/4.html , pp 1-4, posted February 24, 1998.	—
TN		"Catalyst 1200 Release 4.0," http://www.cisco.com/warp/public/558/49.html , pp 1-7, posted May 18, 1995.	—

Examiner Signature

Toan D. Nguyen

Date Considered

12/28/09

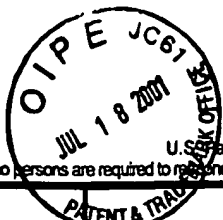
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Sheet 4 of 5

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TN		"Cisco IOS VLAN Services," http://www.cisco.com/warp/public/614/11.html , pp 1-3, posted January 21, 1998.	
TN		"Cisco IOS Technologies," http://www.cisco.com/warp/public/732/ciscoios.html , pp 1-2, 1997.	
TN		"The Virtual LAN Technology Report," http://www.3com.com/nsc/200374.html , pp. 1-19, 1998.	
TN		"ATM Internetworking," http://www.cisco.com/warp/public/614/12.html#LANE , pp. 1-2, posted June 1, 1995.	
TN		Lucent's and Prominet's Motion for Leave To Amend Their Amended Complaint, with Exhibits being filed in Lucent Technologies, Inc. and Prominet Corporation v. Cisco Systems, Inc. and Cisco Technology, Inc. Civil Action No. 98-349 (JJF).	
TN		"Cisco Introduces VLAN Solution," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
TN		"Cisco Announces Token-Ring Switching Products," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
TN		"Chipcom and Cisco To Collaborate On ATM Networking Solutions," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
TN		"Cisco Announces New Fast Ethernet Interface," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
TN		Lucent Technologies, Inc.'s Initial Disclosure of Prior Art under Civil Local Rule 16-7, dated November 18, 1998.	
TN		Cisco 7000 Series Gains Fast Ethernet Interface, Becomes Only Router Family to Support Three High-Speed Network Types, web, http://www.cisco.com/warp/public/146/199.html , pgs. 1-2.	

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		Filing Date	January 5, 2001
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		Examiner Name	Not yet assigned
		Attorney Docket Number	112025-0074C1
Sheet	5	of	5

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TN		ISL Function Specification, web, http://www.cisco.com/warp/public/741/4.html , pgs. 1-4.	
TN		Configuring VTP and Virtual LANs, Catalyst 5000 Series Software Configuration Guide, Chapter 13, pgs. 13-24.	
TN		Cisco-Catalyst 5000 Software Release 2.1 Feature Set, web, http://www.cisco.com/warp/public/729/c5000/426_pp.htm , pgs. 1-9.	
TN		IEEE Standard Project P802.1Q, Draft Standard for Virtual Bridged Local Area Networks, Copyright by the Institute of Electrical and Electronics Engineers, Inc., February 28, 1997, pgs. 1-88.	
TN		Draft Standard P.802.1Q/D10, IEEE Standards for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks, Copyright by the Institute of Electrical and Electronics Engineers, Inc., March 22, 1997, pgs. 1-212.	
TN		ISL Configurations for Cisco IOS and the Catalyst 5000, web, http://www.cisco.com/warp/public/741/8.html , pgs. 1-8.	
TN		Dynamic Inter-Switch Link Protocol, 2.2 Configuration Note, pgs. 2-6.	
TN		Virtual LANs, Catalyst 2820 Series and Catalyst 1900 Series Enterprise Edition Software Configuration Guide, Chapter 2, pgs. 2-1 - 2-49.	

Examiner Signature	Tran D. Nguyen	Date Considered	12/28/05
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